

BAR SIZE	* LOCATION CATEGORY		
	A	B	C
#4	2'-5"	1'-9"	1'-5"
#5	3'-0"	2'-2"	1'-9"
#6	3'-7"	2'-7"	2'-1"
#7	4'-4"	3'-1"	2'-6"
#8	5'-8"	4'-1"	3'-3"
#9	7'-2"	5'-1"	4'-1"
#10	9'-1"	6'-6"	5'-2"
#11	11'-1"	7'-11"	6'-4"

\* LOCATION CATEGORY

- A - Bars in horizontal layers in top of pour with 12" or more of concrete below them such as in: footings, pier caps, etc.  
 B - All bars not in Category A spaced less than 6" apart.  
 C - All bars not in Category A spaced 6" or more apart.

Note:

- When bar lap is not specified on the Plans, the above dimensions shall be used.
- These bar laps do not apply when bar is in lightweight concrete. Greater lengths are required for this material.
- These bar laps only apply where the General Notes indicate "Reinforcing Steel Design,  $f_y = 60$  ksi."

APPROVAL	
<i>L.S. Friedman</i> DIRECTOR	
OFFICE OF BRIDGE DEVELOPMENT	
DATE: 4/30/81	
REVISIONS	
SHA	FHWA
11-23-93	.
1-22-01	.
9-20-05	.
11-26-07	.

FHWA APPROVAL  
DATE: 6-8-90

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF BRIDGE DEVELOPMENT  
BAR LAP DIMENSIONS FOR  
GRADE 60 REINFORCING STEEL  
IN MIX NO. 6 (4500 P.S.I.) CONCRETE  
NON-EPOXY COATED REINFORCING



STANDARD NO. M(6.05)-80-122(L)

SHEET 1 OF 3